

Comparisons of Job Characteristics

Focus Occupation: [Health Technologists and Technicians, All Other \(29-2099\)](#)

Associated Occupation: [Healthcare Practitioners and Technical Workers, All Other \(29-9099\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 80

Focus Occupation: Health Technologists and Technicians, All Other (29-2099)

Associated Occupation: Healthcare Practitioners and Technical Workers, All Other (29-9099)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Biology	3.7	20.2	8.0	<<	Extensive education and/or training may be required
Therapy and Counseling	3.8	19.0	6.4	<<	Extensive education and/or training may be required
Psychology	6.4	18.2	10.5	<<	Extensive education and/or training may be required
Medicine and Dentistry	3.7	16.5	15.1	0	Current knowledge level may be sufficient
Mathematics	9.2	15.4	8.6	<<	Extensive education and/or training may be required
Sociology and Anthropology	4.1	13.8	6.1	<<	Extensive education and/or training may be required
Philosophy and Theology	3.2	10.2	3.9	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 90

Focus Occupation: Health Technologists and Technicians, All Other (29-2099)

Associated Occupation: Healthcare Practitioners and Technical Workers, All Other (29-9099)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Reading Comprehension	10.7	16.0	12.1	<<	Extensive development of skills in this area may be required
Speaking	10.8	13.6	11.8	<	A higher skill level may be required
Writing	9.2	13.3	10.2	<<	Extensive development of skills in this area may be required
Social Perceptiveness	9.1	12.2	11.3	0	Current skill level may be sufficient

Active Learning	8.7	11.8	9.9	<	A higher skill level may be required
Complex Problem Solving	9.1	11.6	9.6	<	A higher skill level may be required
Judgment and Decision Making	9.4	11.6	9.8	<	A higher skill level may be required
Science	4.5	8.8	6.0	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 88

Focus Occupation: Health Technologists and Technicians, All Other (29-2099)

Associated Occupation: Healthcare Practitioners and Technical Workers, All Other (29-9099)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Written Comprehension	11.0	16.4	11.9	<<	Extensive improvement in abilities may be required
Oral Comprehension	12.5	15.9	13.6	<	Some improvement in abilities may be required
Oral Expression	12.4	15.5	13.3	<	Some improvement in abilities may be required
Written Expression	9.8	15.1	10.8	<<	Extensive improvement in abilities may be required
Deductive Reasoning	10.6	13.9	11.6	<	Some improvement in abilities may be required
Inductive Reasoning	10.2	13.9	11.5	<	Some improvement in abilities may be required
Information Ordering	9.9	11.5	10.9	0	Current ability level may be sufficient
Flexibility of Closure	7.8	9.8	8.8	<	Some improvement in abilities may be required
Mathematical Reasoning	6.3	9.2	5.3	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

There are no common work activities.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 37

Focus Occupation: Health Technologists and Technicians, All Other (29-2099)

Associated Occupation: Healthcare Practitioners and Technical Workers, All Other (29-9099)

Tools and Technologies	Exclusivity
Computers	1
Content authoring and editing software	1
Data management and query software	1
Industry specific software	1

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.